

Please type a plus sign (+) inside this box →



PTO/SB/05 (03-01)  
Approved for use through 10-31-2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |  |  |  |
|---|--|--|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b>           |  | <b>Attorney Docket No.</b> <b>X-1495 US</b>                            |  |
|   |  | <b>First Inventor</b> <b>Amit Singh</b>                                |  |
|   |  | <b>Title</b> <b>Pin Reordering During Placement of Circuit Designs</b> |  |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) |  | <b>Express Mail Label No.</b> <b>EV 000334471 US</b>                   |  |

  

|  |  |  |  |
|--|--|--|--|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.  |  | <b>ADDRESS TO:</b> Commissioner for Patents<br>P.O. Box 1450; Mail Stop Patent Application<br>Alexandria, Virginia 22313-1450  |  |
| 1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> (e.g., PTO/SB/17)<br>(Submit an original, and a duplicate for fee processing)   |  | 6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |  |
| 2. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <b>20</b> ]<br>(preferred arrangement set forth below)<br>- Descriptive title of the invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to sequent listing, a table, or a computer program listing appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure |  | 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Copy (CRC)<br>b. <input type="checkbox"/> Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies   |  |
| 3. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 USC 113) [Total Sheets <b>03</b> ]  |  | <b>ACCOMPANYING APPLICATION PARTS</b>  |  |
| 4. <b>Oath or Declaration</b> [Total Pages <b>01</b> ]<br>a. <input checked="" type="checkbox"/> Newly Executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d))<br>(i) <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  |  | 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney<br>10. <input type="checkbox"/> English Translation Document (if applicable)<br>11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations<br>12. <input type="checkbox"/> Preliminary Amendment<br>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)<br>14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)<br>15. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 or its equivalent.<br>16. <input type="checkbox"/> Other: |  |
| 5. <input checked="" type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76  |  |  |  |

  

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation   
 ☐ Divisional   
 ☐ Continuation-in-part (CIP)   
 of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

  

**18. CORRESPONDENCE ADDRESS**

|   |  |                                      |  |  |  |
|---|--|--------------------------------------|--|--|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |  | <b>24309</b>                         |  | or <input type="checkbox"/> Correspondence address below |  |
| (Insert Customer No. or Attach bar code label here)                   |  |                                      |  |  |  |
| <b>Name</b> <b>Attn: Kim Kanzaki</b>                                  |  |                                      |  |  |  |
| <b>Address</b>  |  |                                      |  |  |  |
| <b>City</b>   |  | <b>State</b>                         |  | <b>Zip Code</b>  |  |
| <b>Country</b>  |  | <b>Telephone</b> <b>408-879-6149</b> |  | <b>Fax</b> <b>408-377-6137</b>                           |  |

  

|   |  |  |  |
|---|--|--|--|
| <b>Name (Print/Type)</b> <b>Kim Kanzaki</b> |  | <b>Registration No. (Attorney/Agent)</b> <b>37,652</b> |  |
| <b>Signature</b>                            |  | <b>Date</b> <b>September 30, 2003</b>                  |  |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)**874.00**

Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | Unknown            |
| Filing Date          | September 30, 2003 |
| First Named Inventor | Amit Singh         |
| Examiner Name        | Unknown            |
| Art Unit             | Unknown            |
| Attorney Docket No.  | X-1495 US          |

## METHOD OF PAYMENT (check all that apply)

1. ☒ Deposit Account:

Deposit  
Account  
Number  
  
Deposit  
Account  
Name

24-0040

XILINX, INC.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity        |          |                        |                          |
|---------------------|----------|------------------------|--------------------------|
| Fee Code            | Fee (\$) | Fee Description        | Fee Paid                 |
| 1001                | 750      | Utility filing fee     | \$750                    |
| 1002                | 320      | Design filing fee      |                          |
| 1003                | 490      | Plant filing fee       |                          |
| 1004                | 750      | Reissue filing fee     |                          |
| 1005                | 160      | Provisional filing fee |                          |
| <b>SUBTOTAL (1)</b> |          |                        | <b>(\$)<b>750.00</b></b> |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims below | Fee Paid |
|--------------------|--------------------|----------|
| 20                 | 0                  | \$0      |
| Indep. Claims 04   | 1                  | \$84     |
| Multiple Dependent |                    |          |

| Large Entity |          |   |
|--------------|----------|---|
| Fee Code     | Fee (\$) | Fee Description   |
| 1202         | 18       | Claims in excess of 20                                    |
| 1201         | 84       | Independent claims in excess of 3                         |
| 1203         | 280      | Multiple dependent claim, if not paid                     |
| 1204         | 84       | **Reissue independent claims over original patent         |
| 1205         | 18       | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$)**84.00**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity  
Fee Fee  
Code Code

| Code                | Fee (\$) | Fee Description  | Fee Paid |
|---------------------|----------|--|----------|
| 1051                | 130      | Surcharge - late filing fee or oath  |          |
| 1052                | 50       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 147                 | 2,520    | For filing a request for reexamination                                     |          |
| 1812                | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251                | 110      | Extension for reply within first month                                     |          |
| 1252                | 400      | Extension for reply within second month                                    |          |
| 1253                | 920      | Extension for reply within third month                                     |          |
| 1254                | 1,440    | Extension for reply within fourth month                                    |          |
| 1255                | 1,960    | Extension for reply within fifth month                                     |          |
| 1401                | 320      | Notice of Appeal   |          |
| 1402                | 320      | Filing a brief in support of an appeal                                     |          |
| 1403                | 270      | Request for oral hearing   |          |
| 1451                | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452                | 110      | Petition to revive - unavoidable   |          |
| 1453                | 1,240    | Petition to revive - unintentional   |          |
| 1501                | 1,240    | Utility issue fee (or reissue)   |          |
| 1460                | 130      | Petitions to the Commissioner  |          |
| 1807                | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806                | 240      | Submission of Information Disclosure Stmt                                  |          |
| 8021                | 40       | Recording each patent assignment per property (times number of properties) | \$40     |
| 1809                | 750      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810                | 710      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801                | 750      | Request for Continued Examination (RCE)                                    |          |
| Other fee (specify) |          |  |          |

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$)**40.00**

## SUBMITTED BY

Name (Print/Type) **Kim Kanzaki**

Registration No. 37,652  
(Attorney/Agent)

## Complete (if applicable)

Telephone 408-879-6149

Signature

Date 09-30-2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

|   |                      |                                     |
|---|----------------------|-------------------------------------|
| <b>NONPUBLICATION REQUEST<br/>UNDER<br/>35 U.S.C. 122(b)(2)(B)(i)</b> | First Named Inventor | Amit Singh                          |
|   | Title                | Circuit Clustering During Placement |
|   | Atty Docket Number   | X-1495 US                           |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

September 30, 2003

Date

  
\_\_\_\_\_  
Signature

Kim Kanzaki Reg. No. 37,652

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**